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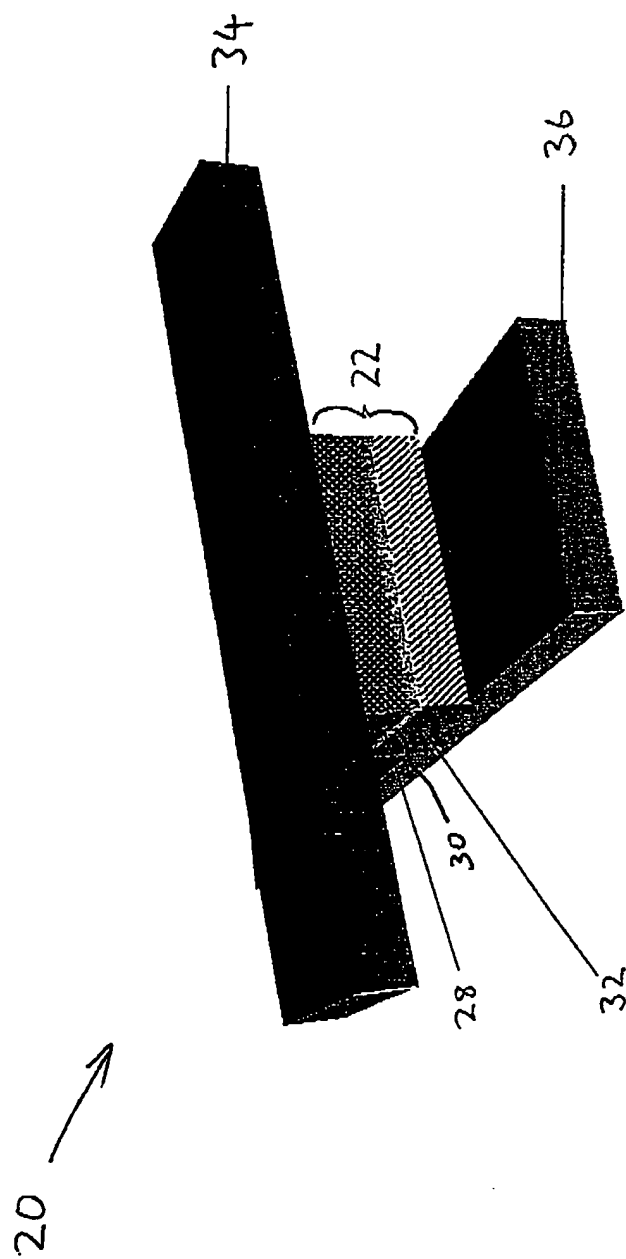


Fig. 1

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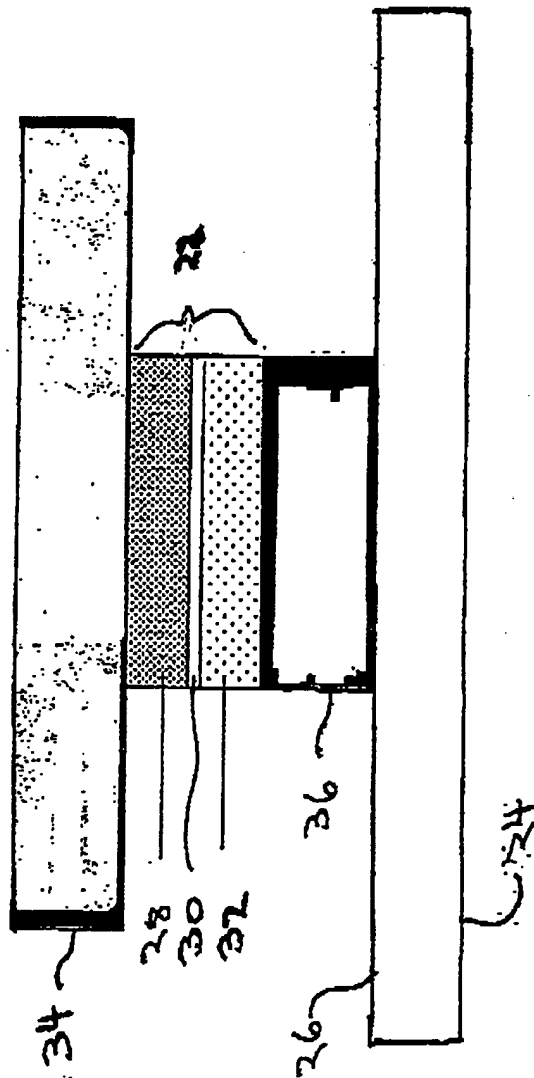


Fig. 2

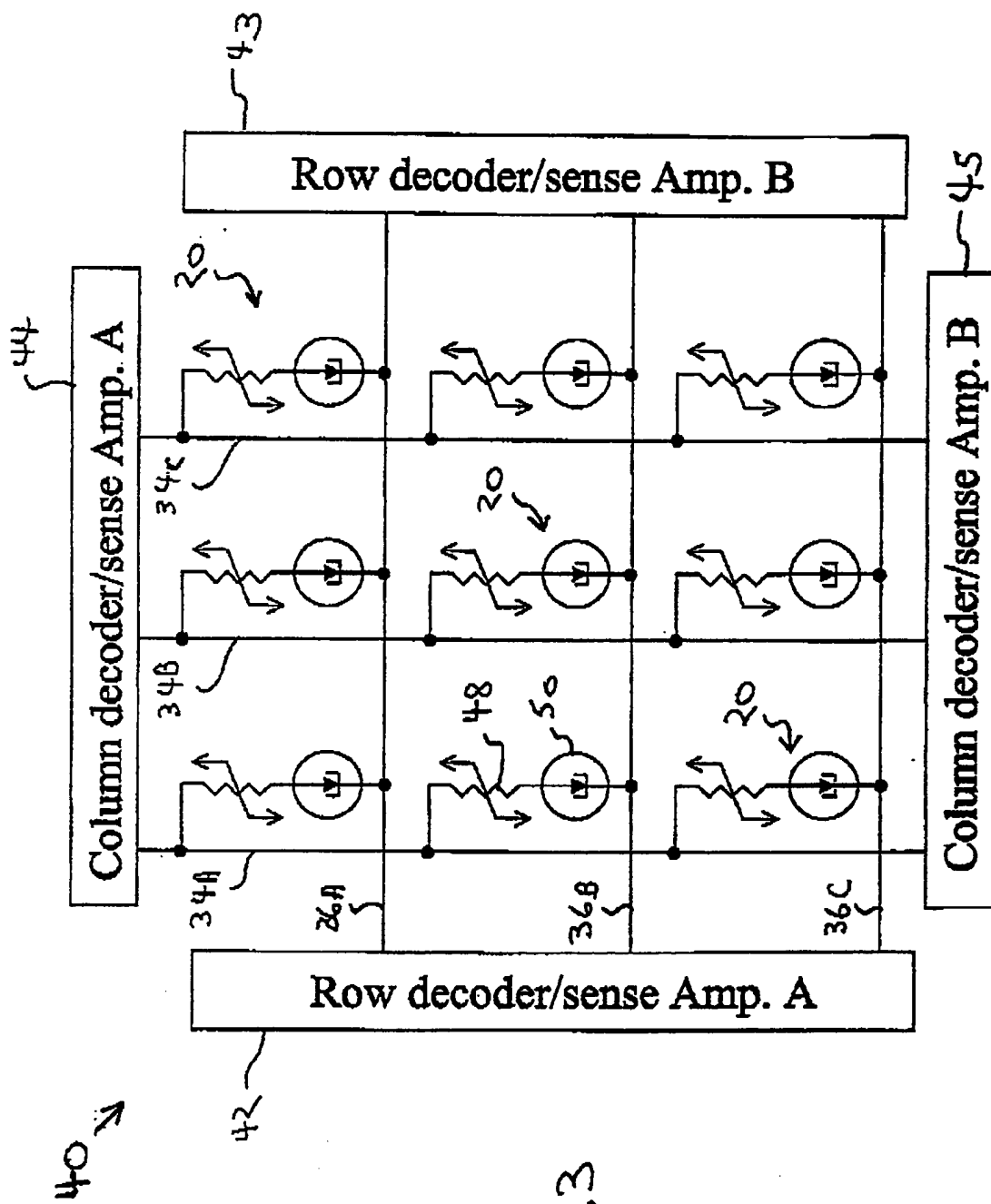
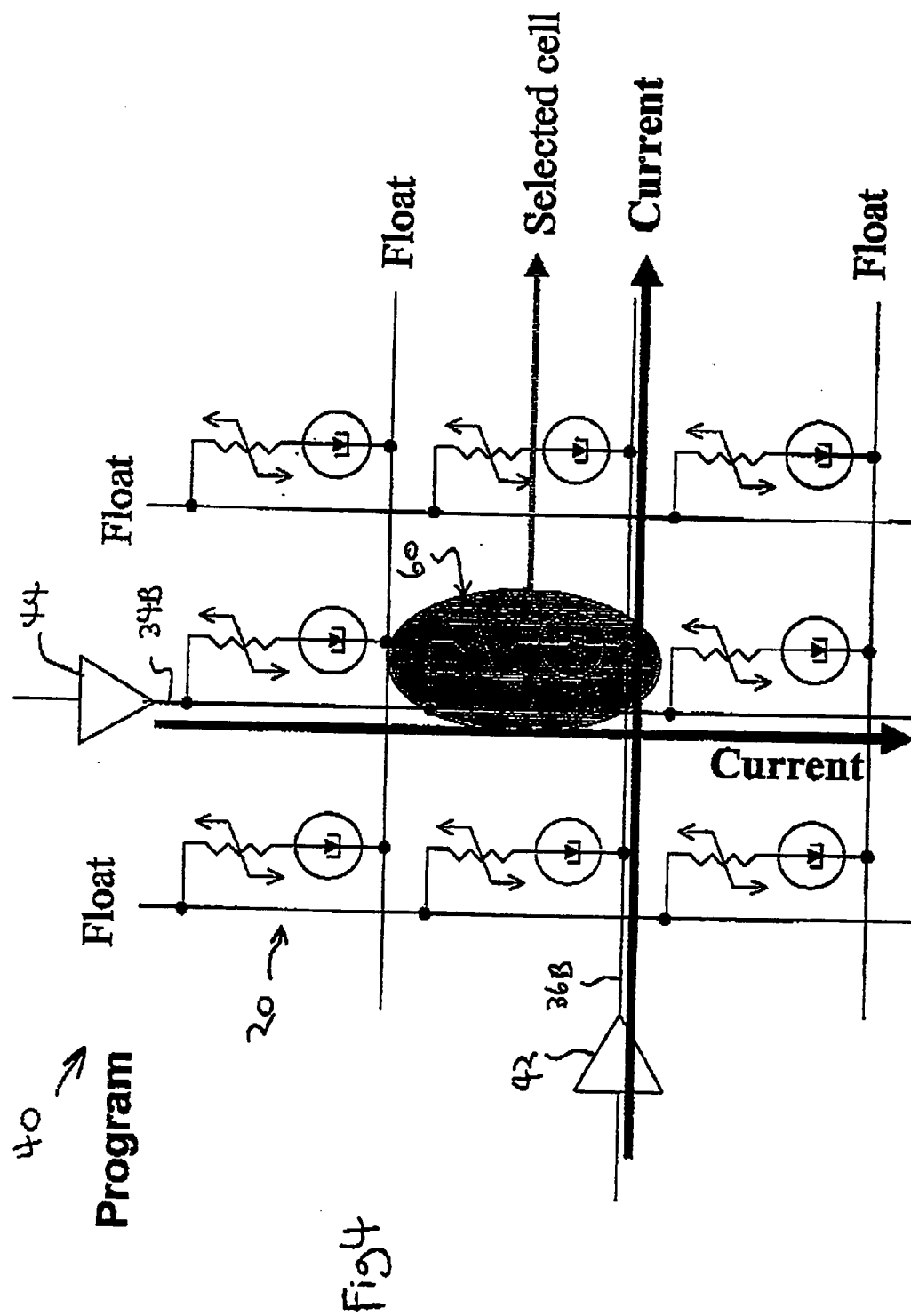


Fig. 3



Program "1"-low resistance state

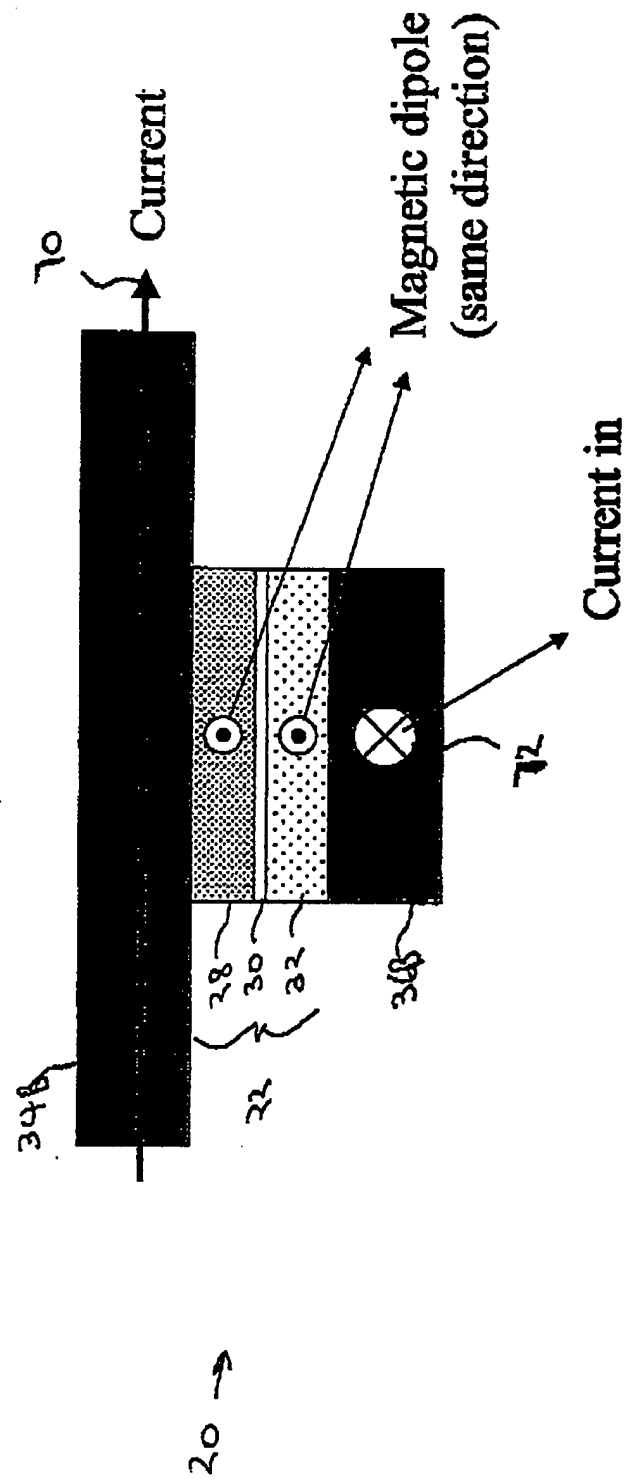


Fig. 5

Program "0"-high resistance state

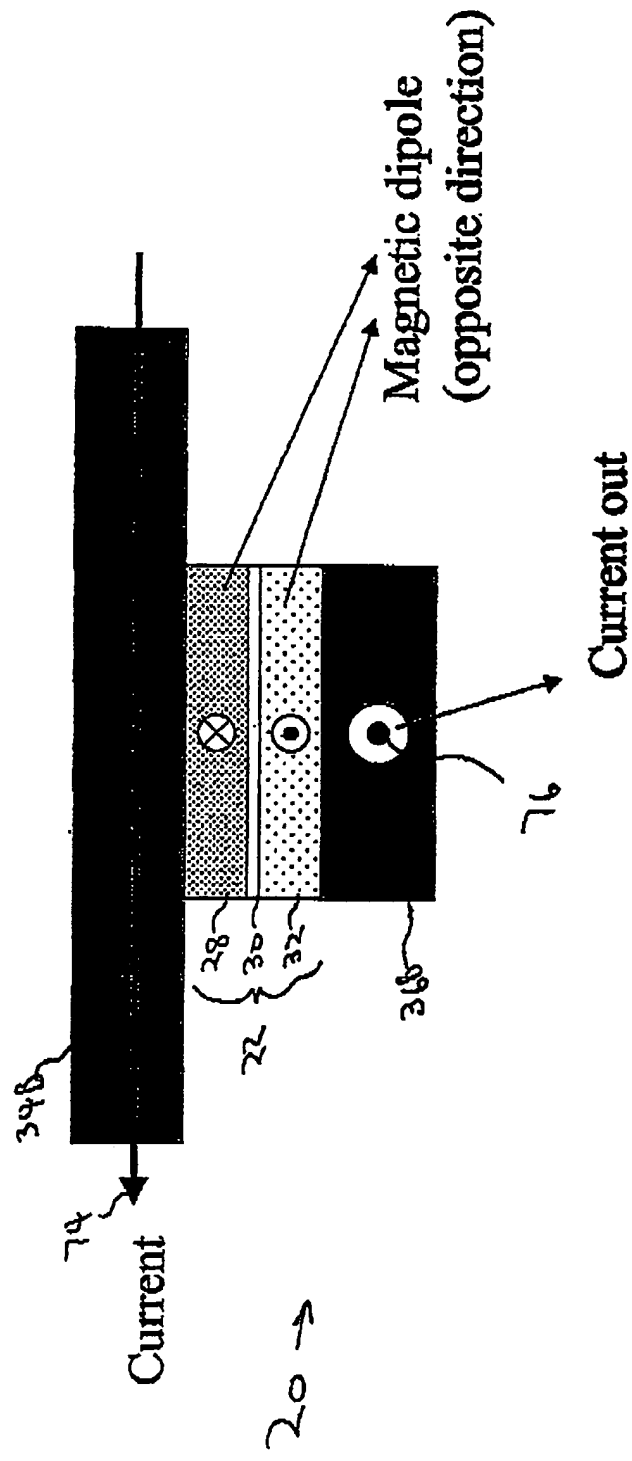


Fig. 6

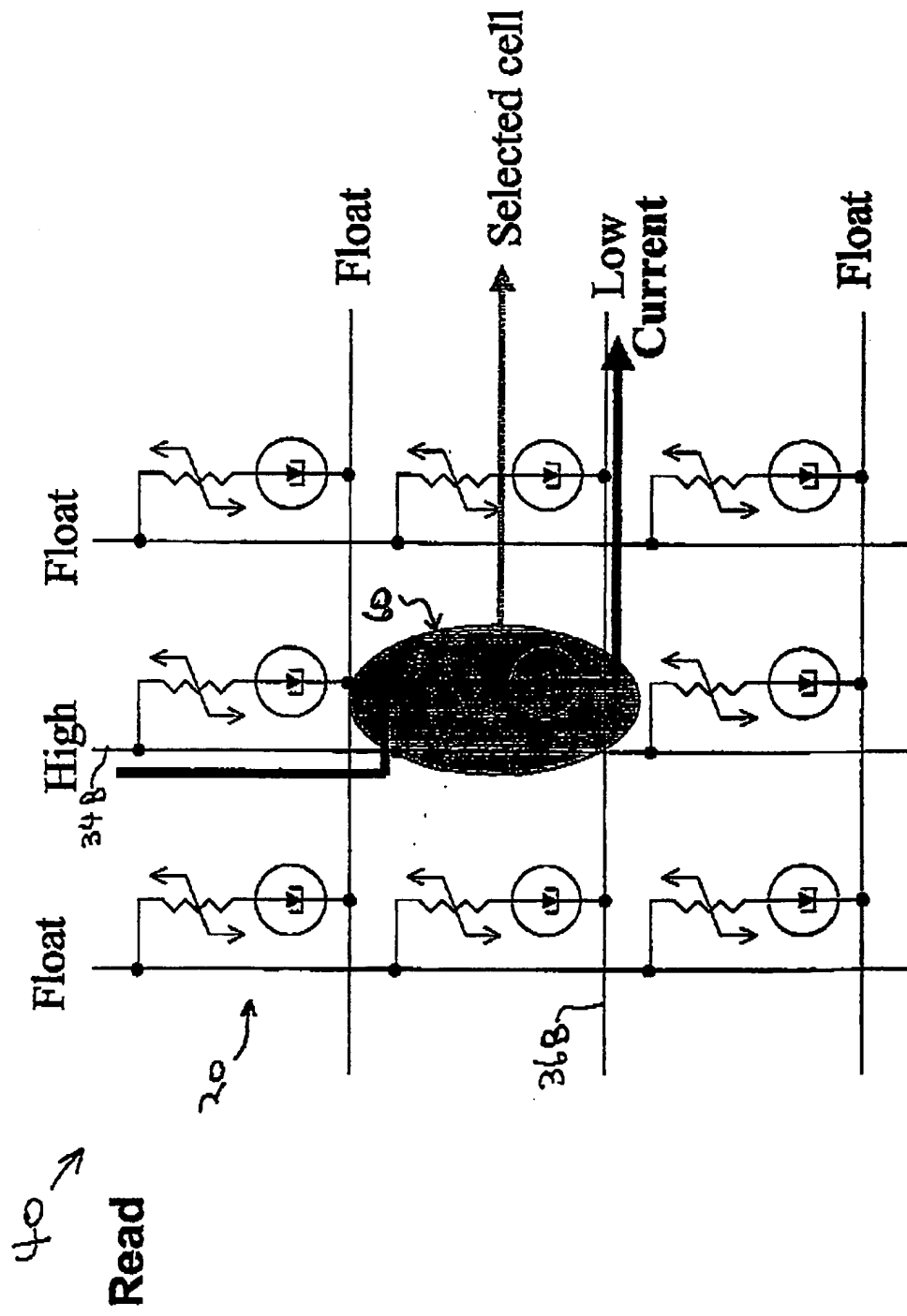
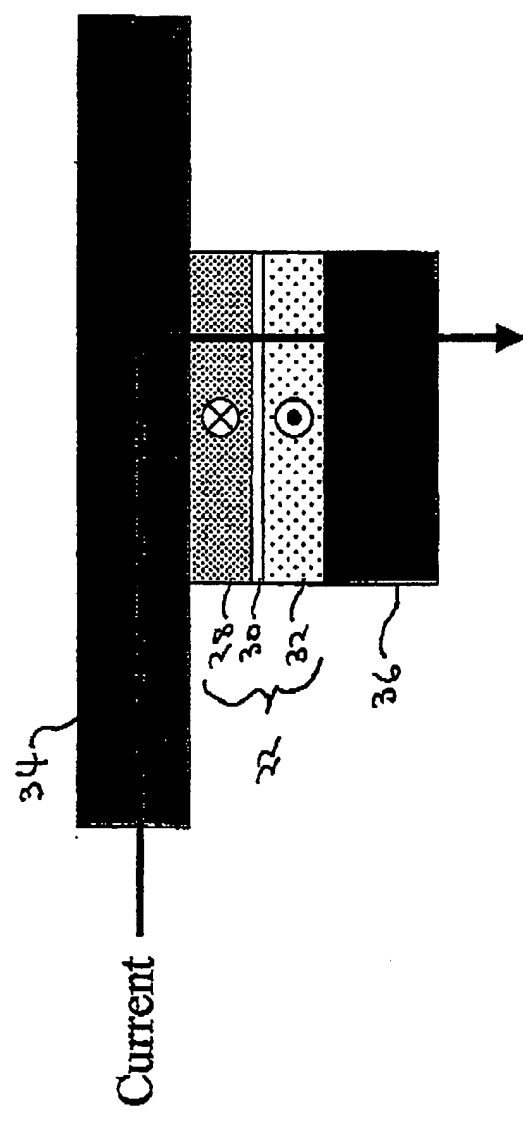


Fig. 7

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✓

Read odd



Sense Amp.

Fig. 8

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Read even

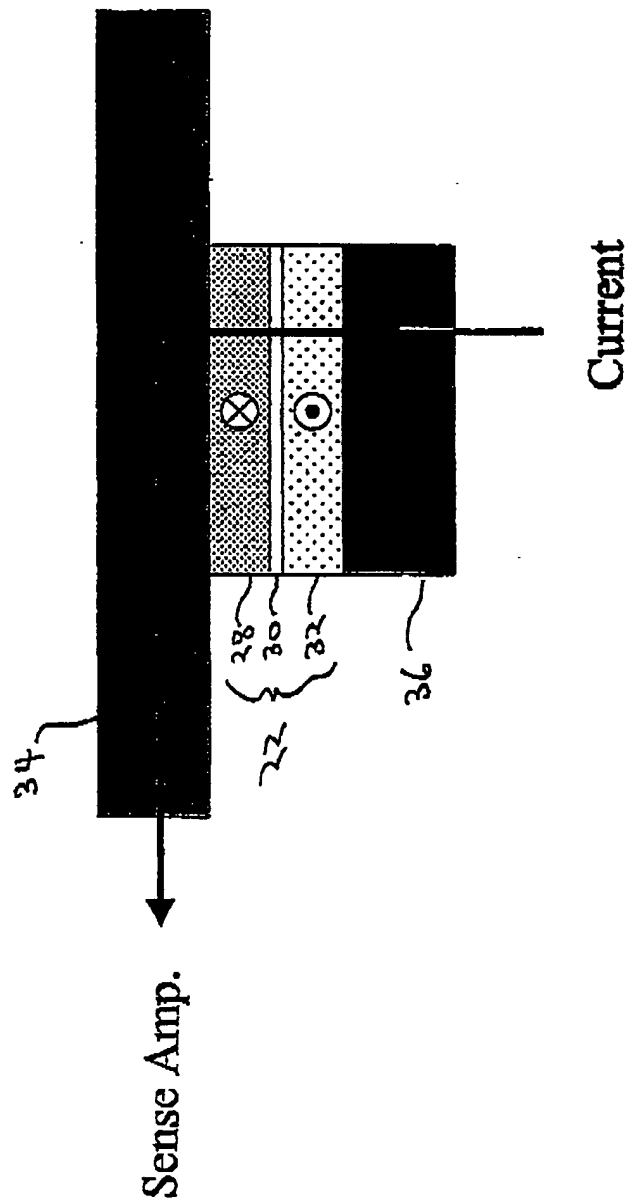


Fig. 9

I-V curve of tunnel diode

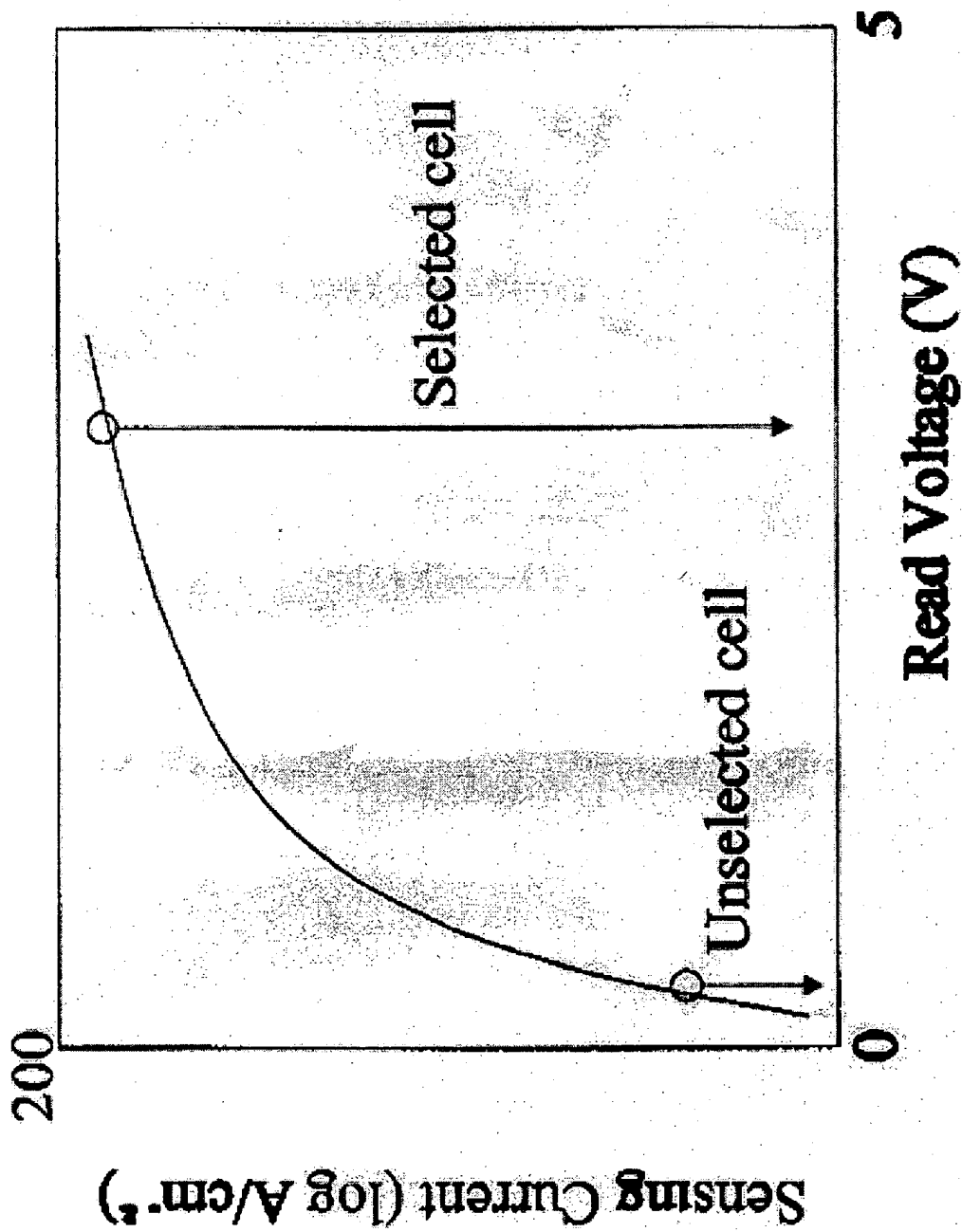


Fig. 10